



WHERE **IRON AGE** ARE MADE
FARM, GARDEN and ORCHARD TOOLS

American Factory
Established 1885

BATEMAN M'FG CO.,
Grenloch, New Jersey, U. S. A.

Canadian Factory

THE BATEMAN-WILKINSON CO., Limited
Toronto, Ontario

Tools are carried in stock at centers of distribution.
Liberal stocks of suitable tools for each vicinity are
carried by the best class of implement and hardware
dealers in the country.

If not handled by your local dealer, write us for
nearest address where tools can be seen and explained.



Side dressing potatoes. This is but one of many ways with "Iron Age" tools. A profitable practice when you know how and have the right tool

IRON AGE

Nos. 170-172
One- and Two-
Horse Fertilizer
Distributors

Handle any kind of
commercial fertilizers in
any amount, regulated
to suit your needs.
Force feed—large capacity



BATEMAN MFG CO.,
GRENLOCH, N.J., U.S.A.

IRON AGE

SEVENTY-EIGHT
YEARS IN BUSINESS

One-Horse Fertilizer Distributor

With new galvanized
steel hopper

No. 170

Force feed

Can be thrown out
of gear without
stopping the machine

Can spread 375 to
3,000 lbs. per acre

Capacity of
hopper, 160 lbs.

Net weight,
145 lbs.

**No.
170**

For use in ground that has been prepared and the furrow opened. It has practically the same force feed as on the bottom section of "Iron Age" Potato Planter—the fertilizer falls on a revolving disc—a feed wheel is forced around to the gate opening and carries the fertilizer into the spout and down the spreader.

The gate regulates the amount of fertilizer to be sown and saves waste when turning at ends of rows. With each distributor we send out feed-wheel No. P-145, which will spread 500 to 3,000 lbs. per acre, and will take care of coarse fertilizer as well as the fine, and P-145A, which can be used when you want to spread lesser amounts. Six, eight and eleven point chain wheels are furnished to be used for varying amounts of fertilizer to the acre.

No. 170 sows fertilizer in a regular, uniform, 6- or 8-in. stream across the open furrow. Handles all kinds,

damp or dry. A stirring point (our No. 68) in the rear, mixes the fertilizer and the soil. The lever that carries the tooth "floats" by means of a light coil spring where it is supported at the handle cross bar. Can be locked up, out of the way, when on the road. Also, tool can be thrown out of gear while machine is in motion and locked out with a small clip on the handle, another advantage when on the road.

Capacity of hopper is about 160 lbs.—made of galvanized sheet steel. A swivel wheel is used in front for short and easy turning at ends of rows. The machine can be raised or lowered on front wheel standard to suit depth of furrow. The main wheels are steel with chilled hub and a clutch in each wheel. We give the matter of construction the same careful attention as with all other "Iron Age" tools, and customers will find it durable, convenient, accurate and uniform in its work.

Two-Row Fertilizer Distributor

No.
172

How used. No. 172 will open furrows for two rows, 28, 30, 33 or 36 inches apart, distribute fertilizer evenly in the bottom and up the sides of furrow, an 8- to 10-inch stream. Then, a stirring device can be used to mix the fertilizer thoroughly with the soil, or the covering discs can be used to cover as lightly or ridge as high as desired, which operation also mixes fertilizer thoroughly with the soil.

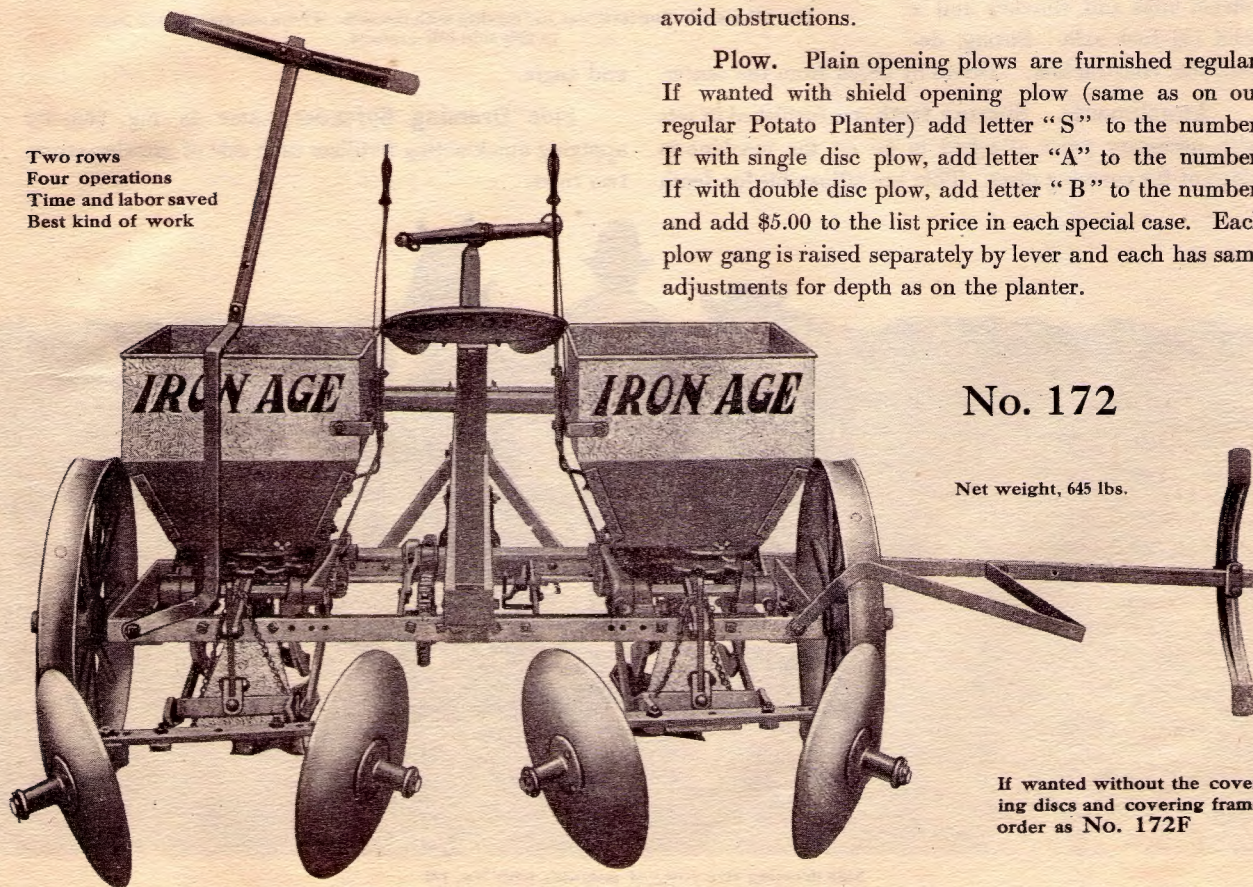
The advantage. One man with two horses rides and prepares in best possible manner, two rows at a time, and marks for next rows accurately spaced for planting potatoes and other row crops, giving a more thoroughly

mixed fertilizer seed bed than where fertilizer is applied by planters without this previous preparation. Permits planting potatoes and other row crops without the bother of fertilizing, at same operation, saving valuable time in getting the crop in rapidly *when soil and weather conditions are just right.*

Fertilizer Hoppers. They are duplicates of the hopper on No. 170, with the same force feed and capacity for about 160 pounds in each hopper. Made of galvanized sheet steel. One lever stops the flow of fertilizer from both hoppers. You can start the flow with a kick of your toe. Each spreader is adjusted separately for height by chain. Also, each is raised with the plow to avoid obstructions.

Plow. Plain opening plows are furnished regular. If wanted with shield opening plow (same as on our regular Potato Planter) add letter "S" to the number. If with single disc plow, add letter "A" to the number. If with double disc plow, add letter "B" to the number, and add \$5.00 to the list price in each special case. Each plow gang is raised separately by lever and each has same adjustments for depth as on the planter.

Two rows
Four operations
Time and labor saved
Best kind of work



No. 172

Net weight, 645 lbs.

If wanted without the covering discs and covering frame, order as No. 172F

Fertilizer Distributors

Covering Discs. A pair of covering discs are provided for each row. They are same as used on the planter and are adjustable for width, angle and depth. They cover thoroughly from each side. Can be used to ridge a growing crop in any shape, if you practice ridging.

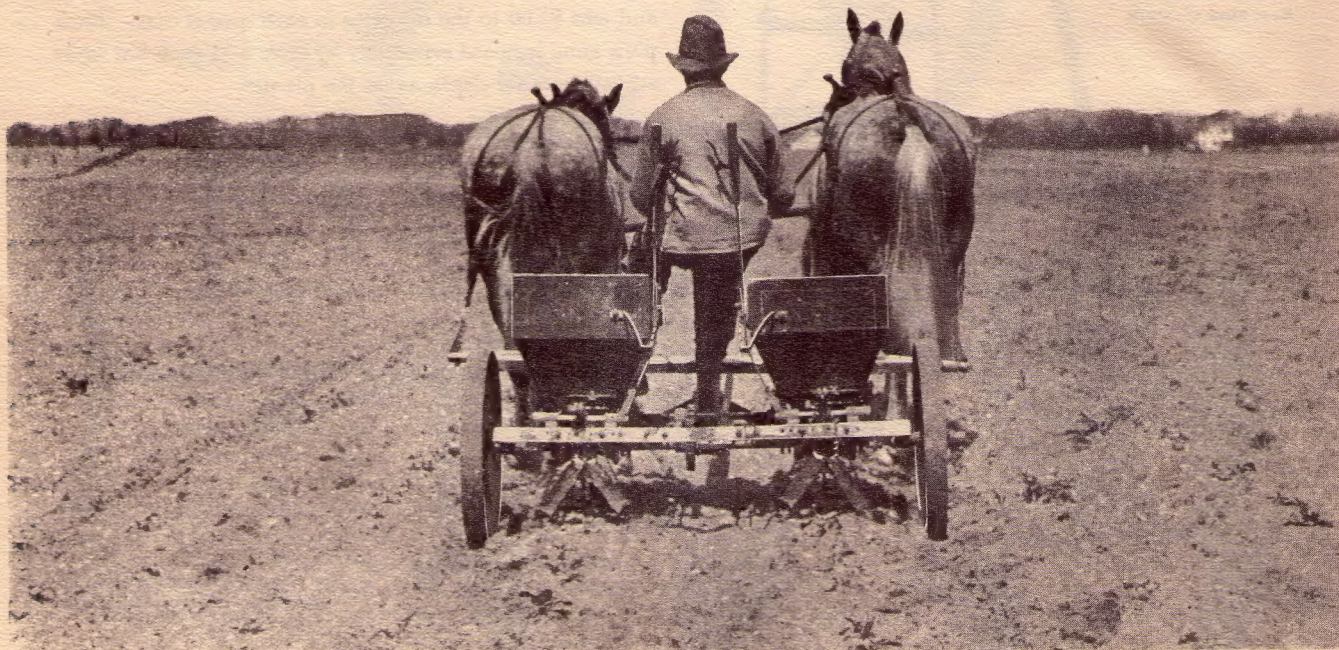
Frame and Wheels. We have a one-piece angle-steel frame, 26-inch all-steel wheels with ratchet hubs and clutches and a solid $1\frac{1}{4}$ -inch axle. Strong, dependable construction. Drives by chain from the center.

Attachments. Stirring teeth are furnished in sets with necessary parts attached to go on the machine in place of the covering discs. They are adjustable for depth

and angle. **Side Dressing Spreader,** same as Fig. 265, for applying quick-acting fertilizer each side of growing crops, two rows.



No. 170 distributing fertilizer and mixing with the soil. There are many steep parts in this side hill orchard.



Side dressing two rows of potatoes with No. 172